

Amendments to the Claims

This listing of claims will replace all prior versions of claims in the present application.

Listing of Claims:

1-27. (Canceled)

28. (Currently Amended) A method of coating an implantable device comprising applying a composition onto the implantable device to form a coating, the composition comprising

(1) a first block copolymer comprising a block having a glass transition temperature (T_g) below about body temperature and a second block having a T_g or a melting temperature (T_m) above about body temperature, and

(2) a material comprising a biobeneficial polymer conjugated with the first block copolymer,

wherein the block having a T_g or a T_m above about body temperature comprises styrene monomers, and

wherein the biobeneficial polymer is conjugated to the styrene monomers by a process comprising acylation of the styrene monomers and subsequent reductive amination.

29. (Previously Presented) The method of claim 28 wherein the composition further comprises a bioactive agent.

30-35. (Canceled)

36. (Previously Presented) The method of claim 28 wherein the implantable device is a stent.

37-53. (Canceled)

54. (New) A method of coating an implantable device comprising

- a. providing a first block copolymer, wherein the first block copolymer comprises a block having a glass transition temperature (T_g) below body temperature and a second block having a T_g or a melting temperature (T_m) above body temperature, wherein the second block comprises styrene monomers,
- b. conjugating a biobeneficial polymer to the styrene monomers of the first block polymer by acylation and subsequent reductive amination,
- c. applying a composition onto the implantable device to form a coating, wherein the composition comprises the first block copolymer conjugated with the beneficial polymer.

55. (New) The method of claim 54 wherein the composition further comprises a bioactive agent.

56. (New) The method of claim 54 wherein the implantable device is a stent.

57. (New) The method of claim 54 wherein the biobeneficial polymer is an amino-terminated PEG or 4-amino-2,2',6,6'-tetramethyl piperidine oxide (4-amino-TEMPO).